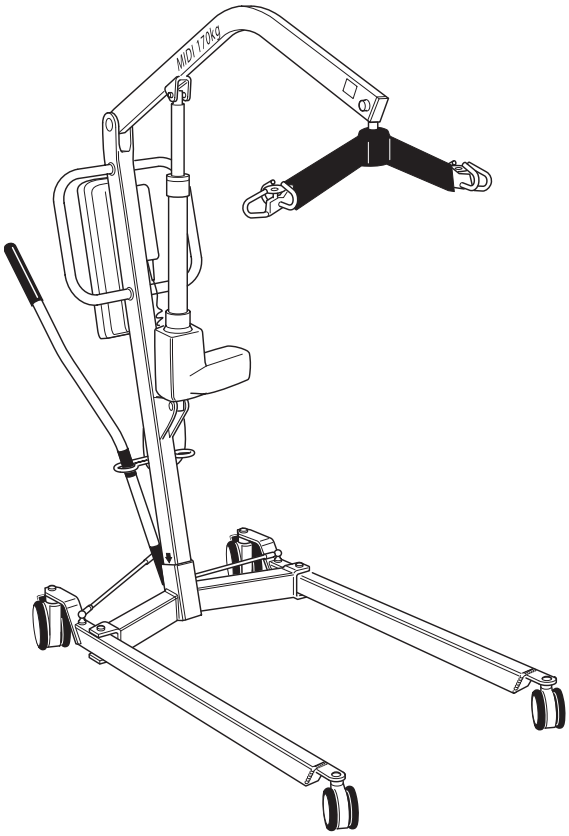
For The Oxford Range of Mobile Hoists



ELECTRIC AND HYDRAULIC MODELS

FOR SPECIFIC MODEL INFORMATION PLEASE REFER OVERLEAF

SUNRISE MEDICAL

Improving people's lives

English

This User Manual Covers the following Models

STOWAWAY 140 - Electric and Hydraulic
MINI 140 - Electric and Hydraulic
MIDI 170 - Electric and Hydraulic
MAJOR 190 - Electric and Hydraulic
MAXI 170 - Electric

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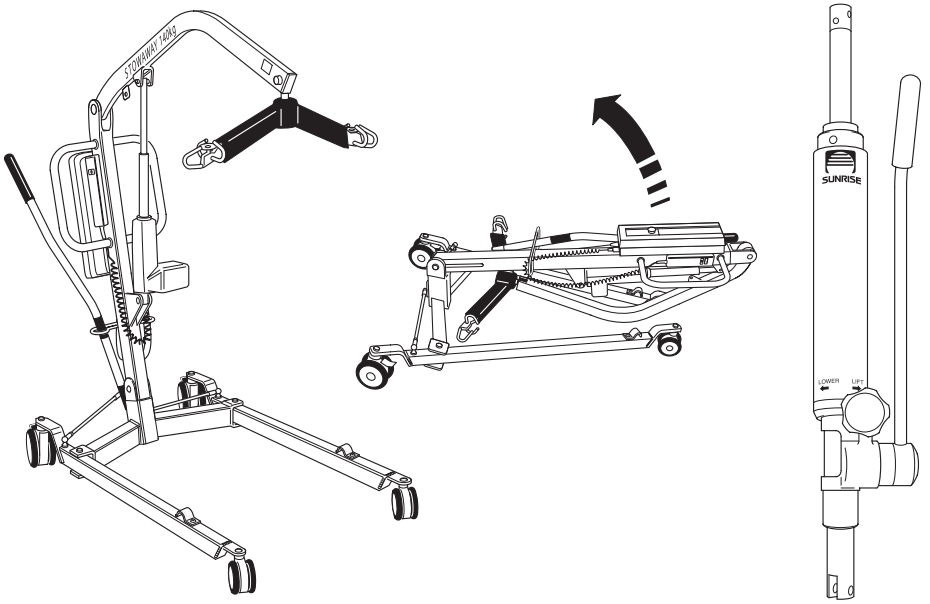
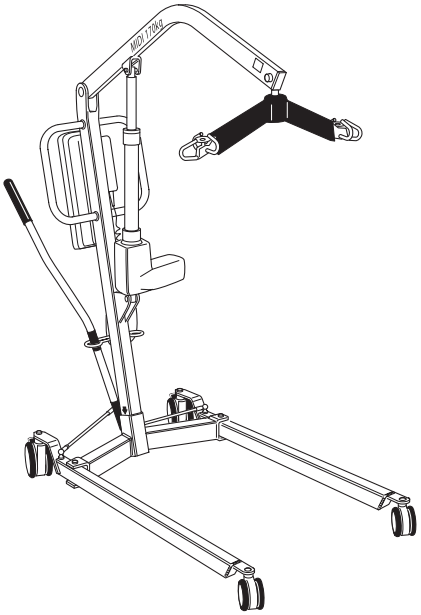
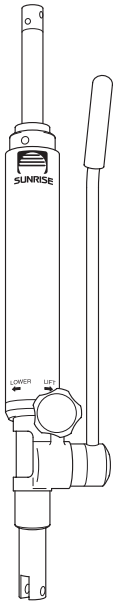
STOWAWAY 140kg



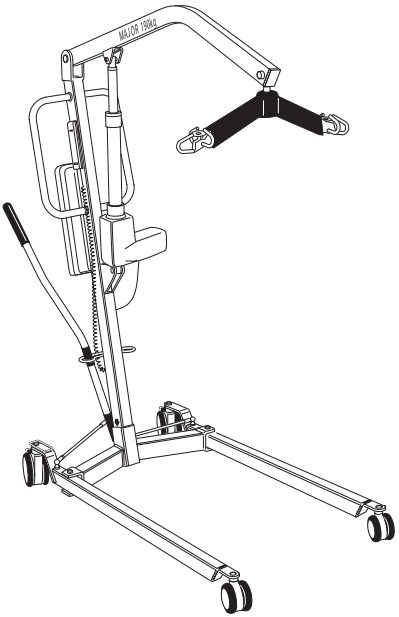
MINI 140kg

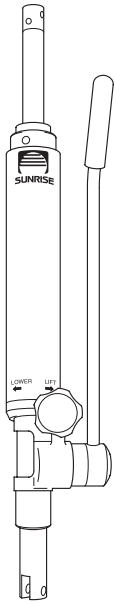
MIDI 170kg



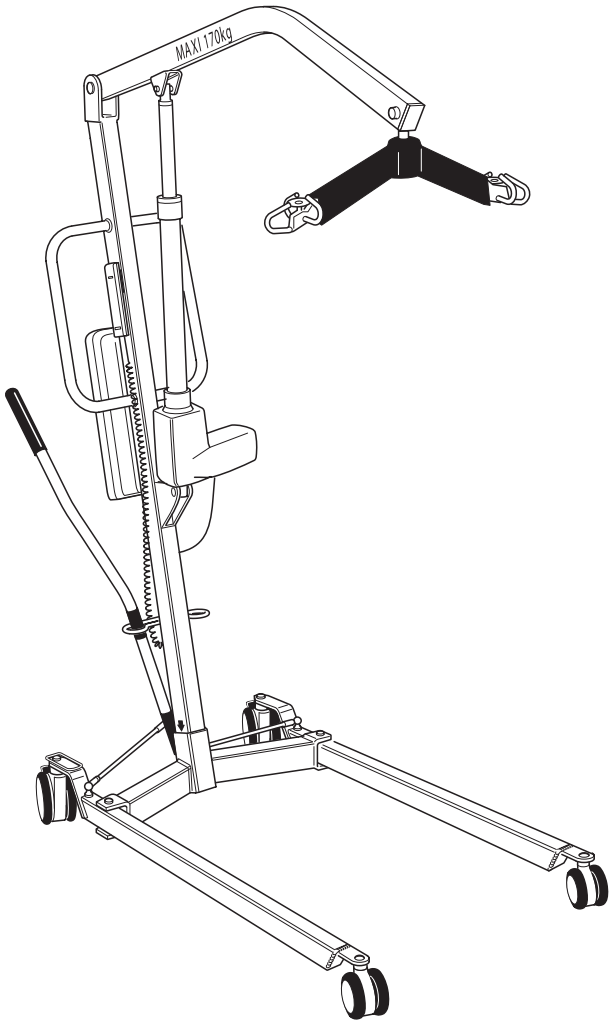


MAJOR 190kg





MAXI 170kg



About Your Lift

The Oxford Mobile Hoists are available in two versions, hydraulically operated and electrically operated. This manual covers both versions. (This is with the exception of the Maxi 170 which is electric only)

Each lift is fully assembled, load tested and certified before being partially dismantled for packing. The packing consists of a strong, purpose built carton and is used for both export and domestic markets to ensure the safe arrival of the lift.

A number of documents are supplied in a wallet packed with each lift and should be kept safely for future reference.

- **Test Certificate**
- **User Manual**
- **Dealer Guarantee Card**
- **Customer Satisfaction Card**

The TEST CERTIFICATE is an important document and will be required for your insurance records. It is valid for six months and after it has expired the lift should be inspected and serviced for the following six months. Servicing and periodic testing can be carried out by your supplier. Please ensure your lift is included in their maintenance schedule.

Oxford Mobile Hoists are suitable for the following CATEGORIES of lift within the working parameters of the lifts specified in the TECHNICAL SPECIFICATIONS.

- **Category A - Wheelchair**
- **Category B - Bed**
- **Category C - Bath**
- **Category D - Toilet/Shower Chair**
- **Category E - Floor**
- **Category F - 90 degree Rotation**

The Oxford Mobile Hoists are suitable for patients in the SITTING, SITTING/ RECUMBENT and RECUMBENT positions.

The CE mark

Oxford Mobile Hoists carries the CE mark and complies with the following EC directives:
Medical Device Directive (93/42/EEC)
EMC Directive (89/336/EEC) (Electrics only)
Low Voltage Directive (73/23/EEC) (Electrics only)

CE

Assembly and Commissioning Instructions

Place the carton in a clear working area and open carefully. The carton contains:-

- Main Wheeled Chassis
- Mast and Boom Assembly
- Leg Adjusting Handle
- Wallet Containing Documents
- Handcontol (electric only)
- Battery Charger (electric only)
- Battery Pack

1. Remove all the parts from the carton and place on the floor, taking care to protect the finish from damage.

SAFETY NOTE: Some of the parts are heavy and will need to be lifted with care. You may need assistance with the heavier assemblies.

2. Apply the brakes on the rear castors of the chassis.

3. Fit the mast assembly to the chassis. The mast is located into the rectangular socket on the top centre of the chassis.

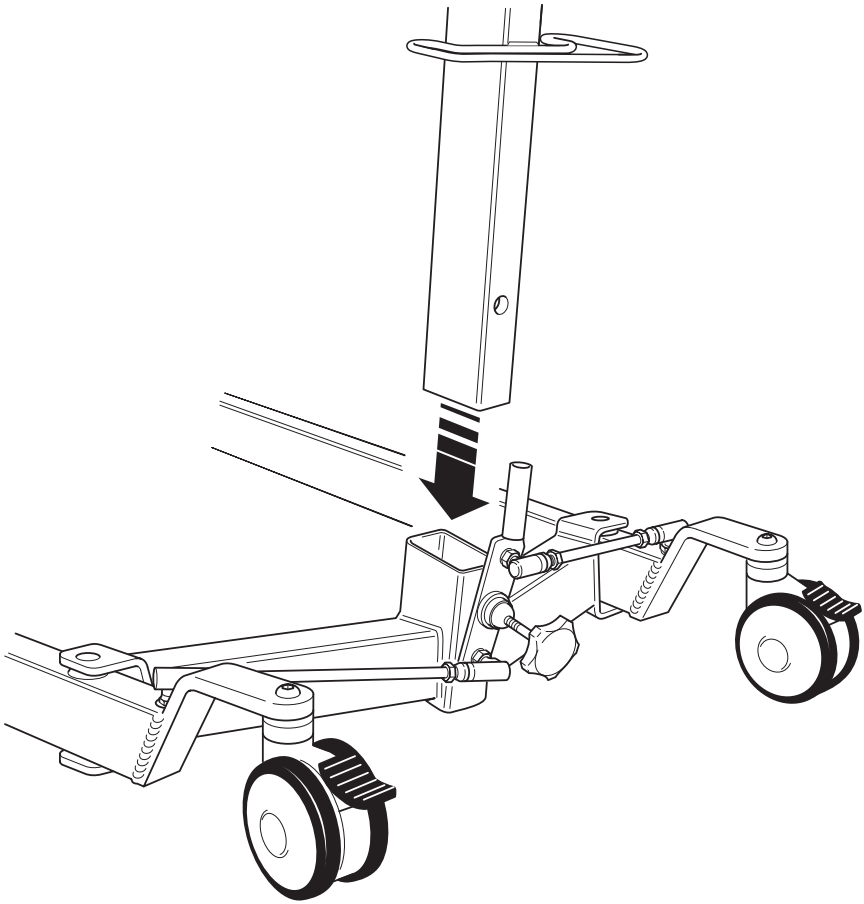
SAFETY NOTE: Avoid trapping fingers. Keep fingers away from the end of the mast when inserting into the socket.

4. When the mast is fully engaged with the socket, turn the mast locking knob clockwise until fully tightened.

SAFETY NOTE: Full engagement of the mast is indicated by the label on the side of the mast.

5. Remove the screw from the leg adjusting lever located at the rear of the chassis. Fit the leg adjusting handle through the gate on the mast and push the open end over the leg adjusting lever. Align the notch in the handle with the cross pin in the lever. The handle is retained by a screw through the clearance hole in the handle into a threaded hole in the lever. Insert screw and fully tighten.

- **For Stowaway please refer to page 11 for assembly instructions**



ASSEMBLY OF MAST TO BASE

Assembly and Commissioning Instructions (cont.)

6. Check the legs of the lift open and close satisfactorily.

Electric model only

7. Check the red emergency stop button, located on the Controller is in the out (off position).

8. Fit the handcontrol to the handcontrol socket located at the base of the Controller.

Important

The handcontrol plug is indexed and can only be fitted one way. Do not force, but make sure the plug of the handcontrol is firmly pushed into the socket.

9. Plug the actuator jack plug into the (left socket) actuator socket located at the base of the Controller.

10. Push the up and down buttons on the handcontrol and confirm the boom rises and lowers. The lift is now ready for use.

Hydraulic model only

7. Close the hydraulic unit release valve by turning the knurled black knob on the unit fully clockwise.
Note: The release valve requires only minimal tightening to operate and should only be closed finger tight. **DO NOT** apply excessive force to the valve knob as this will result in damage to the valve.

8. Pump the handle of the hydraulic unit and confirm the ram raises the boom.

9. Open the release valve fully anticlockwise and check the boom descends. An unloaded boom will not come down under its own weight, it will be necessary to apply some pressure to the boom before it will descend.

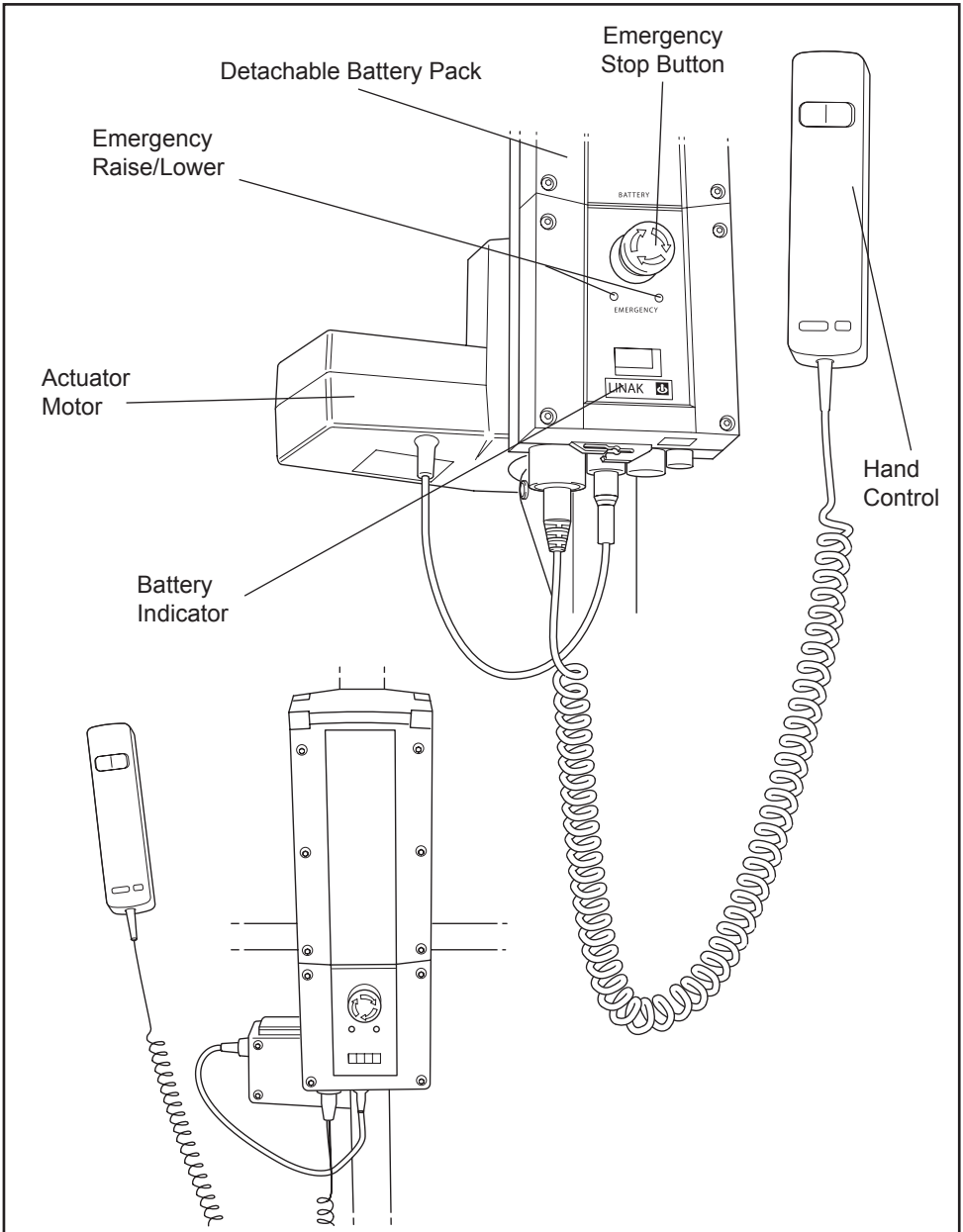
Note: The release valve is fully open and encounters a positive end stop in less than two full turns of the knob. **DO NOT** force the valve past the end stop as this will result in damage to the valve.

10. Close the release valve. The lift is now ready for use.

Safety Precautions

Please read and follow the safety precautions listed below. The operation and use of Oxford patient lifts is simple and straightforward. Following these few basic safety precautions will make lifting operations easy and trouble free.

- **ALWAYS** plan your lifting operations before commencing.
- **ALWAYS** carry out the DAILY CHECK LIST before using the lift.
- **ALWAYS** familiarise yourself with the operating control and safety features of a lift before lifting a patient.
- **DO NOT** use a sling unless it is recommended for use with the lift.
- **ALWAYS** check the sling is suitable for the particular patient and is of the correct size and capacity.
- **NEVER** use a sling which is frayed or damaged.
- **ALWAYS** fit the sling according to the instructions in the user manual.
- **ALWAYS** check the safe working load of the lift is suitable for the weight of the patient.
- **ALWAYS** carry out lifting according to the instructions in the user manual.
- **NEVER** disconnect or bypass a control or safety feature because it seems easier to operate the lift.
- **NEVER** force an operating or safety control. All controls are easy to use and do not require excessive force to operate. If a control is not working easily there will be a reason. Forcing will only strain or damage the lift and may compromise safety.
- **DO NOT** lift a patient with the castor brakes on.
- **DO NOT** attempt to manoeuvre the lift by pushing on the mast, boom or patient.
- **ALWAYS** manoeuvre the lift with the handle provided.
- **ALWAYS** lower the patient to the lowest comfortable position before transfers.
- **DO NOT** push a loaded lift at speeds which exceed a slow walking pace (3 Kilometres/hour 0.8 metres/second).
- **DO NOT** push the lift over uneven or rough ground. particularly if loaded.
- **DO NOT** attempt to push or pull a loaded lift over a floor obstruction which the castors are unable to ride over easily.
- **DO NOT** bump the lift down steps, loaded or unloaded.
- **DO NOT** attempt to negotiate a loaded lift on a slope which exceeds 1:12 (approximately 5 degrees). Sunrise Medical recommend a second helper is present when moving a patient on a slope.



OXFORD MOBILE HOIST CONTROLS

Stowaway Assembly.

Remove all the parts from the carton and place on the floor, taking care to protect the finish from damage.

SAFETY NOTE: The Stowaway is heavy and will need to be lifted with care. You may need assistance to lift the Stowaway from the carton.

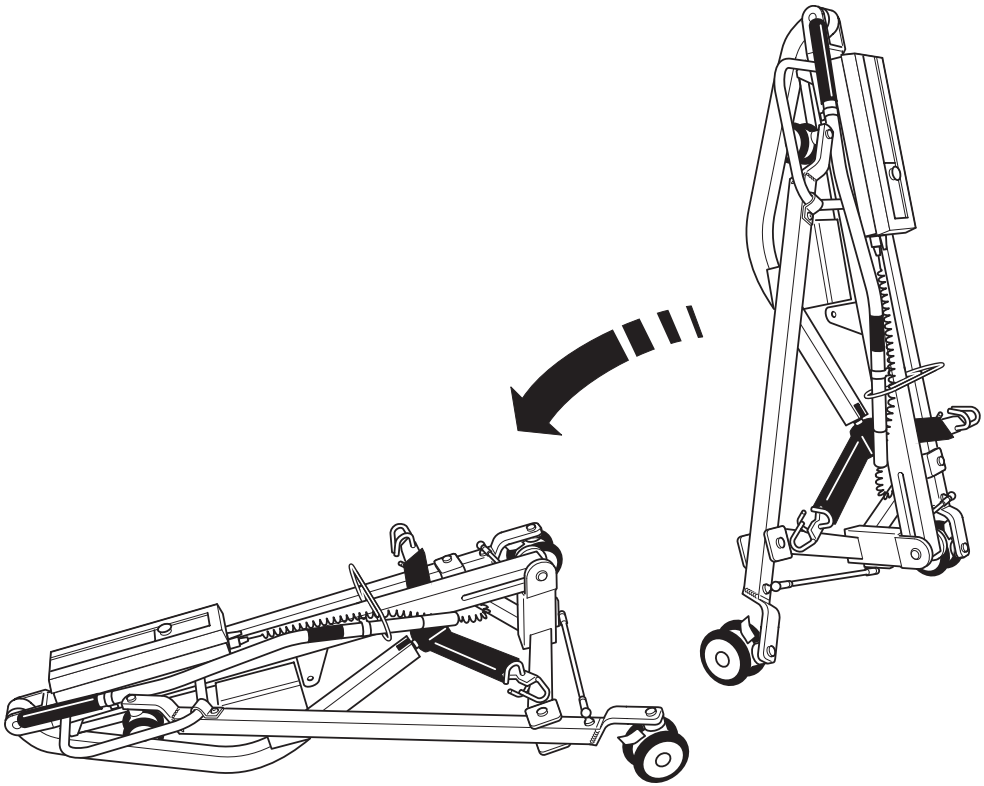


Fig 1. Place the folded Stowaway flat on the floor, resting on the rear castors and the folded boom. Engage the brakes on the rear castors.

Assembly and commissioning instructions

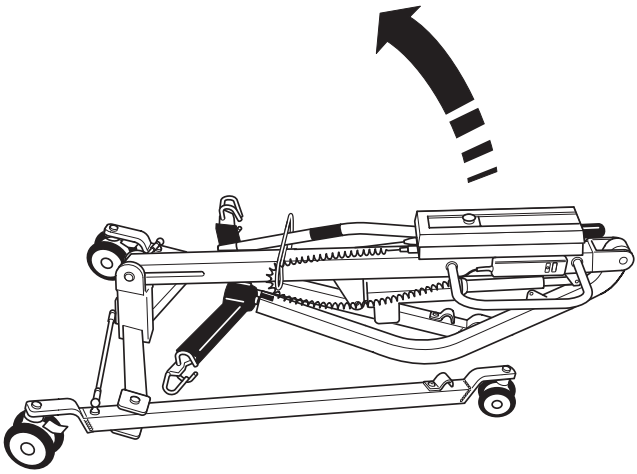


Fig 2. Stand facing the front castors and swing the leg retaining latches clear of the square handle on the mast. Move the legs sideways and downwards to place the front castors on the floor.

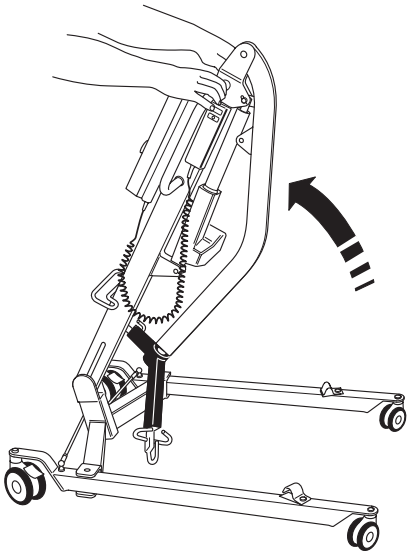


Fig 3. Swing the mast and boom upright and allow the mast to drop into the mast box. SAFETY NOTE: Avoid trapping fingers. Keep fingers away from the end of the mast when inserting into the socket. Engage the mast lock.

Assembly and commissioning instructions

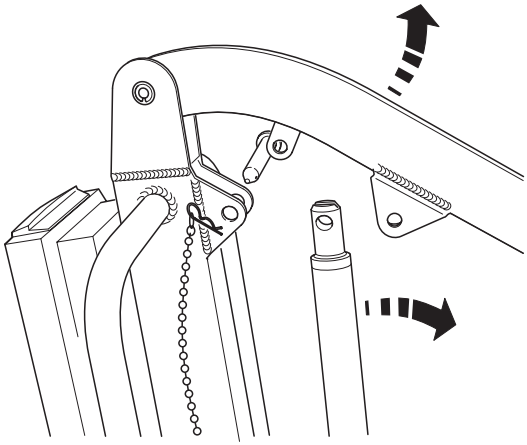


Fig 4. Remove the quick release pin at the top of the actuator, this will release both the boom and the actuator. Hydraulic version - The hydraulic unit is completely detached when the Stowaway is folded. Remove the quick release pin to release the boom and use the pin to reconnect the top of the hydraulic unit to the boom. Connect the lower mounting of the hydraulic unit to the mast with the second quick release pin stored through the mast bracket.

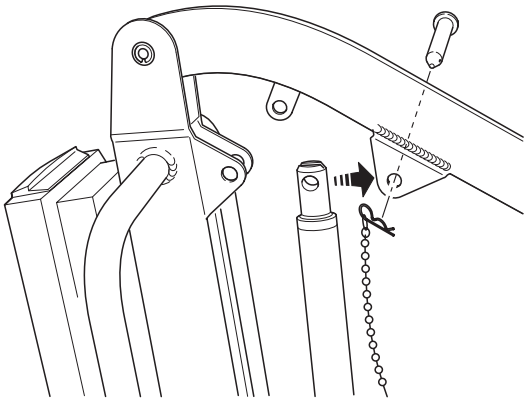


Fig 5. Lift the boom and spreader bar and swing the actuator over to engage with the mounting bracket on the underside of the boom. Secure the actuator to the boom mounting bracket with the quick release pin.
SAFETY NOTE: Make sure the quick release pin is coorectly located and locked.

Assembly and commissioning instructions

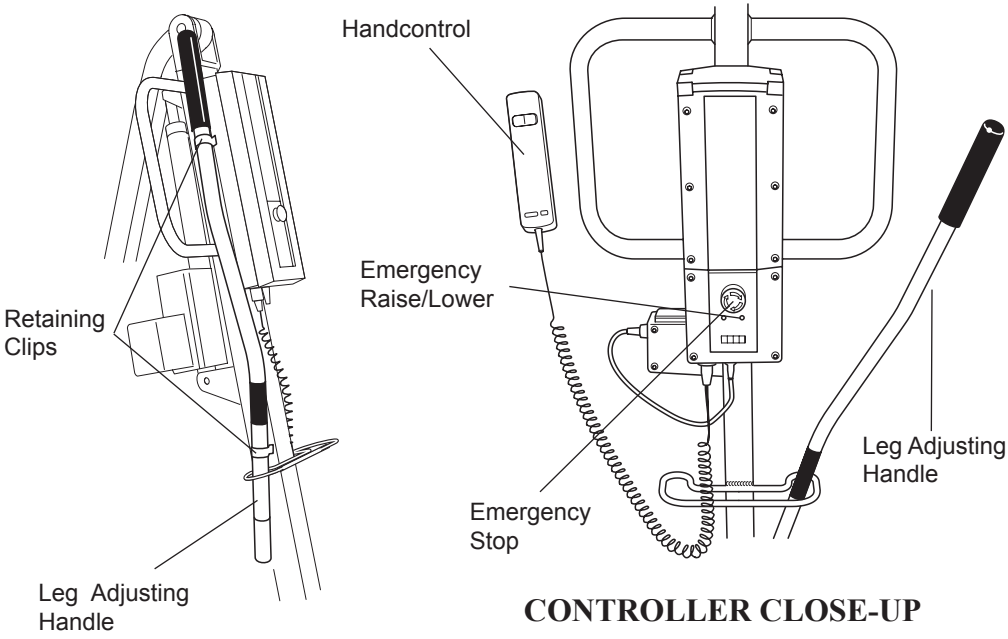


Fig 6. Remove leg adjusting handle from the storage clips on the mast and fit to the leg adjusting lever through the gate on the mast.
Fit the battery pack to the mounting point on the mast and connect the power/charging plug to the battery pack.

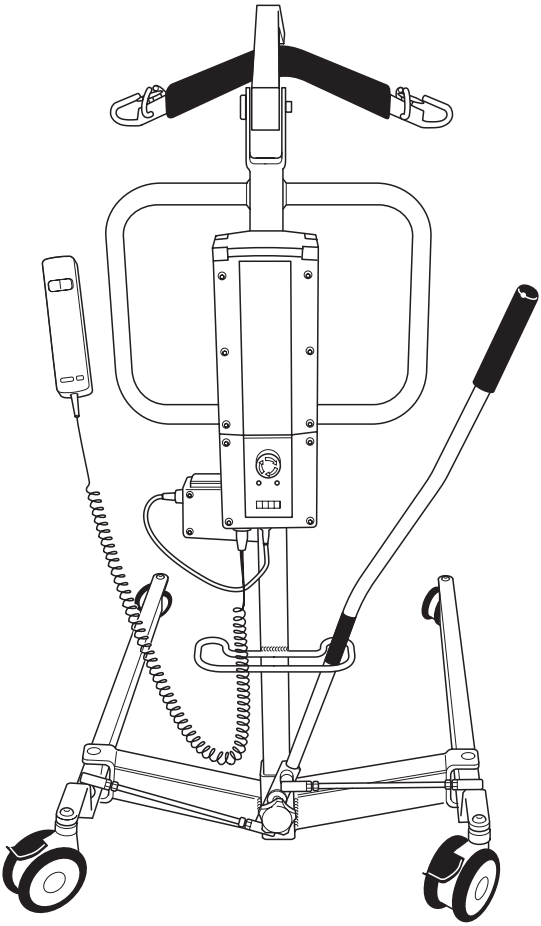
Important

The handcontrol plug is indexed and can only be fitted one way. Do not force, but make sure the plug of the handcontrol is firmly pushed into the socket.

Plug the actuator jack plug into the (left socket) actuator socket located at the base of the Controller.

Check the following:

* The legs of the lift open and close satisfactorily.
* The red emergency stop button, located on the top of the power pack, is in the OFF (out) position.
* Push the up and down buttons on the handcontrol and confirm the boom rises and lowers.



REAR VIEW

Safety Precautions (cont.)

- **DO NOT** park a loaded lift on ANY sloping surface.
- **DO NOT** use electric lifts in a shower.
- **DO NOT** charge an electric lift in a bathroom or shower room.
- **DO NOT** lift a patient unless you are trained and competent to do so.
- **YOUR** lift is for patient lifting. **DO NOT** use it, or allow it to be used, for any other purpose.

Operating Instructions for the Oxford Mobile Hoists

1. **Leg adjustment.** The legs on the Mobile Hoists are adjustable for width. The legs can be opened to enable access around armchairs or wheelchairs. For transferring and negotiating narrow doorways and passages the lift legs should be in the closed position. To achieve the adjustment, the leg adjuster handle, located at the rear of the mast, is moved in towards the mast and then sideways from RIGHT (fully closed) to LEFT (fully open). The adjustment can be carried out with the patient in the lift, but loaded or unloaded the adjustment should be made when the lift is moving.

2. **Castors and Braking.** The lift has two braked castors which can be applied for parking. When lifting, the castors should be left free and unbraked. The lift will then be able to move to the centre of gravity of the lift. If the brakes are applied it is the patient that will swing to the centre of gravity and this may prove disconcerting and uncomfortable.

3. **Straight line steering (where supplied).** One of the rear castors is fitted with a straight line steering device. To engage the device simply swing the 'U' shaped bar over the end of the leg. There is no need to fit the bar over the castor as it will automatically engage as you move off.

4. **Raising and lowering the boom (electric models).** The movement of the boom is achieved by a powerful electric actuator which is controlled by a simple handcontrol unit. The handcontrol has two buttons with directional arrows UP and DOWN. The actuator stops automatically at the limit of travel in both directions. The handcontrol plugs into a socket at the base of the Controller. There is a magnetic backing to the handcontrol which allows it to be "parked" on the mast or boom when not in use.

5. **Emergency Stop (Electric only).** The red Emergency Stop Button is located on the Controller and is activated by pressing in. This will cut all power to the lift and can only be reset by twisting the button anticlockwise and releasing.

6. **Emergency Raise/Lower Function:** The operation of this facility depends on the specification of the actuator fitted to the hoist. Some hoists have the emergency descent device incorporated into the actuator. These actuators have a red moulded block at the base of the actuator ram that can be pulled up to activate the device. This will bring the boom down slowly. The device is purely mechanical and will operate if the hoist is without electrical power. **THIS SHOULD ONLY BE USED IN EMERGENCY SITUATIONS**.
   All Oxford Mobile Hoists are fitted with raise/lower buttons on the Controller. These are located underneath the emergency stop button and can be operated by means of inserting a ball point pen tip. This can be used to lower/raise the patient should the handcontrol fail. Caution should be excercised when using this control as there is no automatic cut-out of the actuator when the bottom stop is reached.

7. **Batteries.** The batteries are protected from deep discharge by a LOW VOLTAGE ALARM. This will sound when the batteries need recharging and the handcontrol is being operated. It will not sound independently of the handcontrol being operated. **DO NOT IGNORE THIS WARNING ALARM.** Complete the lifting operation and place the lift on charge (see charging instructions).

8. **Raising and lowering the boom (hydraulic models).** The raising and lowering of the boom is achieved by a powerful hydraulic ram which is operated by two simple controls. The release valve, which is identified by a black knurled knob, and the pump handle which is a long lever on the side of the hydraulic unit.
   To raise the boom, ensure the release valve is closed. The valve is closed by gently turning the knurled knob fully clockwise. When closed, pump the long handle with smooth even strokes for maximum effect. The handle strokes from an upright position through an arc of 90 degrees. Leave the handle in the upright position when not in use. **DO NOT** force the handle beyond the upper or lower stops. The hydraulic unit can be rotated to allow the handle to be used from either side of the lift.
   To lower the boom, turn the release valve anticlockwise. The release valve is progressive, the more it is opened the faster the descent. The valve is restricted so even when fully open the descent is controlled. This facility allows for a “hands free” descent.
   If the release valve is opened a fraction (a quarter turn) a very slow speed of descent will allow the carer to work “hands free” while assisting or comforting the patient. **REMEMBER** to close the release valve before commencing lifting operations. The release valve only requires gentle pressure to open or close.
   DO NOT apply excessive force to the release valve, either to close or to open. It is not necessary and will only damage the valve.

9. **Slings.** The selected sling is attached to the spreader bar hooks, each sling is supplied with instructions and they are reproduced in this manual. The instructions should be followed carefully.
   Use only SUNRISE MEDICAL LTD slings of the Quickfit, Quickfit Deluxe, Longseat, Full Back and Access range.

Charging Instructions For Oxford Mobile Hoists

The batteries are located in the power pack and are charged through two contacts on the base. When the power pack needs charging it is removed from the lift and fitted to a charging unit. Sunrise Medical Ltd recommend an additional power pack is purchased, so that one pack can be on charge at all times.

1. Remove the power pack from the lift. The pack is retained by a simple latch at the top of the pack. Lift the latch and the power pack will be released.
2. Fit the power pack to the charging unit. The location and latching of the power pack to the charger is the same system as used on the lift.
3. Plug the charger mains plug into a suitable mains outlet and switch the mains supply **ON.**
4. Charging is automatic and will fully charge the batteries over a period of eight to twelve hours. Note: Even if the charger is left plugged in for extended periods it will not allow the batteries to "overcharge".
5. To return the lift to service, switch **OFF** the mains supply and remove the power pack from the charger. Fit the power pack to the lift and make sure the latch holding the pack in place is fully engaged.

The charging of Oxford electric lifts is simple and straightforward, but it is important to follow the charging instructions closely. Please pay particular attention to the following points, they will help you avoid problems with discharged batteries.

- **KEEP** the batteries fully charged. Place the power pack on charge whenever it is not in use. If it is more convenient to do so, place on charge every night. The charger will not allow the batteries to "overcharge".
- **NEVER** run the batteries completely flat. As soon as the audible warning sounds, complete the lifting operation in hand and place on charge.
- **NEVER** store the power pack for long periods without regular charging throughout the storage period.
- **ALWAYS** make sure the mains power to the charger is switched off before connecting or disconnecting the power pack.
- **NEVER** leave the power pack plugged in to the charger with the mains power off.
- **ALWAYS** check Battery Charge Indicator (LCD) screen.
- Batteries **NOT** to be opened by unauthorised personnel. (Contact your distributor for warranty and repairs).
- **DO NOT** touch battery/charger terminals.
- **DO NOT** leave charger switched on with battery disconnected.

Maintenance Schedule For The Oxford Mobile Hoists

All Oxford products are designed for Minimum maintenance, however some safety checks and procedures are required. A schedule of **DAILY** tasks are detailed below.

Daily checks and a biannual service, inspection and test will ensure a lift is kept in optimum safe working condition. A list of spare parts is available upon request. The **LOAD TEST** and **CERTIFICATION** should only be carried out by qualified personnel or an authorised service dealer.

Daily Check List

Sunrise Medical Ltd strongly recommend the following checks are carried out on a daily basis and before using the lift.

- **MAKE** sure the lift moves freely on it's castors.
- **MAKE** sure the spreader bar is free to rotate and swing. Check the spreader bar is firmly attached to the boom.
- **EXAMINE** the sling hooks on the spreader bar and side suspenders for excessive wear. If in doubt - do not use.
- **MAKE** sure the legs open and close correctly.
- **OPERATE** the handcontrol or the hydraulic unit to confirm the boom raises and lowers satisfactorily.
- **CONFIRM** the lift is not giving a low battery alarm when the handcontrol is operated (electric lifts only). If the alarm sounds DO NOT use and place on charge immediately.
- **ON** electric powered lifts check the operation of the emergency stop button.
- **ON** hydraulically operated lifts check for hydraulic fluid leakage. Any leakage should be reported to a service engineer immediately and the lift should not be used until it has been checked out.
- **ON** lifts with detachable masts make sure the mast is fully engaged and the locking knob is fully tightened.
- **EXAMINE** slings for fraying or other damage. DO NOT use any sling with fraying or damage to the suspension straps or tears in the body of the sling.

Maintenance, Inspection And Test

Sunrise Medical Ltd recommend a thorough inspection and test of the Oxford Mobile Hoist lifting accessories, slings etc. is carried out every six months. The examination and test should be conducted according to the recommendations and procedures below. Sunrise Medical Ltd recommend maintenance, inspection and certified testing is carried out by authorised service dealers only.

Note: These recommendations are in compliance with the requirements of 1998 No2307 Health and Safety: The Lifting Operations and Lifting Equipment Regulations 1998. This is a UK regulation. Outside the UK please check your local requirements.

- **SPREADER BAR:** Check the spreader bar for freedom of rotation and swing. Check for wear on the central pivot. Check for firm attachment to the boom. Inspect for excessive wear on the sling hooks and any side suspenders used in conjunction with the spreader bar.
- **BOOM:** Check the attachment of the boom to the mast. Make sure there is only minimal side movement of the boom and the boom is free to rotate on the boom bearing. Check the actuator or hydraulic unit mounting on the boom.
- **MAST:** Check the operation of the mast locking device. Make sure the mast fully engages into the socket. Check the bottom actuator or hydraulic unit mounting.
- **POWER PACK (Electric only):** Check the function of the Emergency Stop button. Inspect the handcontrol socket for correct fitting. Inspect the power/charging socket for correct fitting. Check functioning of hand control.
- **LEG ADJUSTMENT:** Check the leg linkages are secure and the leg adjustment handle is located correctly in the leg adjustment gate. Operate the leg adjusting handle and confirm smooth opening and closing of the legs. Adjust linkages if necessary.
- **LEG PIVOTS:** Check the leg pivots are secure and the legs pivot freely. Any stiffness must be investigated. Strip out the leg pivots and lubricate with a light mineral based grease if in any doubt. Make sure there is no excessive play in the leg pivots.
- **CASTORS:** Check all castors for firm attachment to the legs. Check for free rotation of the castor and the wheels. Remove any build up of threads, hair or fluff. Lubricate if necessary with a light mineral based grease. Check correct operation of the brakes.
- **ACTUATOR (Electric only):** The actuator should require no maintenance other than checking for correct operation and listening for unusual noise.

- **EMERGENCY DOWN:** Check emergency down function.
- **HYDRAULIC UNIT:** The hydraulic unit should require no maintenance other than checking for correct operation and leakage of hydraulic fluid.
- **BATTERIES (Electric only):** The batteries are located in the Power Pack and should not require maintenance other than the regular charging as detailed in the charging instructions.
- **CLEANING:** Clean with ordinary soap and water and/or any hard surface disinfectant. Harsh chemical cleaners or abrasives should be avoided as these may damage the surface finish of the lift. Avoid wetting any of the electrical parts.

LOAD TEST: The load test should be carried out in accordance with the manufacturers test procedures. It is strongly recommended the testing is carried out by an authorised service dealer.
CERTIFICATION: An authorised service dealer will issue a test certificate after satisfactory completion of the load test. This certificate will be valid for six months.

Technical Specifications

MODEL	STOWAWAY 140		MINI 140	
	Electric	Hydraulic	Electric	Hydraulic
Safe Working Load	140	140	140	140
Maximum Overall Length	1093	1093	1120	1120
Minimum Overall Length	1093	1093	1120	1120
Maximum Overall Height	1780	1780	1726	1726
Minimum Overall Height	1145	1145	1133	1133
Spreader Bar Max. Height	1572	1572	1505	1505
Spreader Bar Min. Height	500	500	500	500
Spreader Bar Height At Maximum Reach	995	995	986	986
Reach At Maximum Height	340	340	340	340
Reach At Minimum Height	505	505	475	475
Maximum Reach	635	635	595	595
Turning Radius	1104	1104	1104	1104
Legs Open - External Width	1095	1095	1095	1095
Internal Width	1040	1040	1040	1040
Legs Closed - External Width	600	600	600	600
Internal Width	540	540	540	540
Overall Height Of Legs	140	140	100	100
Ground Clearance	25	25	25	25
Front Twin Castors	100	100	100	100
Rear Braked Castors	110	110	110	110
Weights:				
Mast & Boom Inc. all fixings	-	-	17.5kgs	17.5kgs
Base Assembly	-	-	11kgs	11kgs
Assembled Unit	28kgs	28kgs	28.5kgs	28.5kgs
Battery	3.375kgs	-	3.375kgs	-

Electrical Specifications

- Batteries — 2 X 12 volt Rechargeable sealed lead acid type
- Battery Capacity — 3.2 Ampere hours
- Charger Rated Input — 100-240V AC/24 VDC 50/60 Hz. Max 400MA
- Charger Rated Output — 29.5 VDC. Max 19W

NOTE: Reach = Centre of spreader bar to front of mast

Technical Specifications Continued

MIDI 170		MAJOR 190		MAXI 170	
Electric	Hydraulic	Electric	Hydraulic	Electric	Hydraulic
170	170	190	190	170	N/A
1180	1180	1269	1269	1315	N/A
1180	1180	1269	1269	1315	N/A
1848	1848	1941	1941	2117	N/A
1237	1237	1376	1376	1560	N/A
1630	1630	1725	1725	1965	N/A
495	495	525	525	755	N/A
1070	1070	1110	1110	1351	N/A
412	412	589	589	512	N/A
480	480	522	522	533	N/A
656	656	754	754	724	N/A
1174	1174	1274	1274	1273	N/A
1175	1175	1160	1160	1140	N/A
1120	1120	1130	1130	1130	N/A
600	600	610	610	610	N/A
540	540	540	540	540	N/A
100	100	100	100	100	N/A
25	25	15	15	15	N/A
100	100	100	100	100	N/A
110	110	159	159	159	N/A
20.5kgs	20.5kgs	23kgs	23kgs	24kgs	N/A
11.5kgs	11.5kgs	19kgs	19kgs	19kgs	N/A
32kgs	32kgs	42kgs	42kgs	43kgs	N/A
3.375kgs	-	3.375kgs	-	3.375kgs	N/A

Electric Shock Protection

Charger.....Class II
Lift.....Internal Power Source

Degree Of Shock Protection

Charger..... Type B
Lift..... Type B

ENVIRONMENTAL CONDITIONS:

Outside this environment functionality and safety may be compromised.

Operating:

Temperature ..... 5°C to 40°C
Relative humidity..... 20% to 90% @ 30°C - not condensing
Atmospheric pressure ..... 700 to 1060 hPa

Storage:

Temperature ..... -10°C to +50°C
Relative humidity..... 20% to 90% @ 30°C - not condensing
Atmospheric pressure ..... 700 to 1060 hPa

IP RATINGS

Control Box IP43
Actuator..... IP54
Off Board Charger IP65
Battery IP65
Handset IP65

DUTY CYCLES

Actuator..... 10% (2 min./18 min.)
Charger ..... Approx. 4 hrs.

KEY SYMBOLS:

The following symbols are used on the charger, control unit and battery:

Type B equipment, as per EN 60601-1

Class 2 equipment

The disposal of the charging and control unit should not be mixed with general household waste

The disposal of batteries should not be mixed with general household waste.

For indoor use

ATTENTION, consult accompanying documents.

Slings For Use With The Oxford Mobile Hoist Range

Sunrise Medical Ltd has designed a range of slings to be used with the Sunrise Mobile Hoist range. Do not use slings other than those listed below:

- **Oxford Quickfit Sling**
- **Oxford Full Back Sling**
- **Oxford Quickfit Deluxe Sling**
- **Oxford Longseat Sling**
- **Oxford Access Sling**
- **Oxford Head Support Roll**

Special requirement slings can be made to customers own specification, consult your dealer for details.

When selecting a sling from the Oxford range be sure to assess the suitability of the type of sling for the patient to be lifted. The following guides will assist in the correct selection.

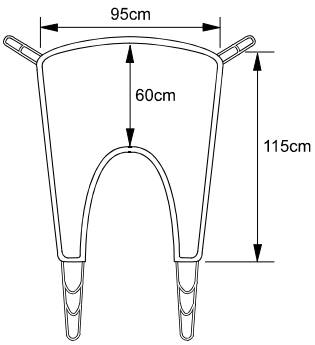
- **DO NOT** use any other manufacturer's sling with an Oxford lift.
- **DO NOT** use an Oxford sling with any other manufacturer's lift.

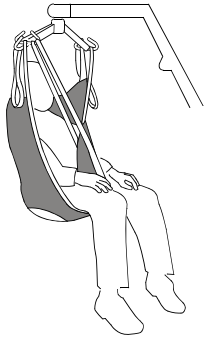
User Guide For The Quickfit Sling

The Quickfit sling is an easy fit, general purpose sling designed to fit approximately 85% of patients. This sling is unsuitable for the lifting of amputees. Other patients must be assessed for suitability by a qualified person.
The Quickfit sling is suitable for the following categories of lift:

- **Category A - Wheelchair**
- **Category B - Bed**
- **Category C - Bath**
- **Category D - Toilet/Shower chair**
- **Category E - Floor**

The Quickfit sling can be used for patients in the **SITTING, SITTING/RECUMBENT and RECUMBENT** positions





The Quickfit sling has been designed for use with the Oxford six hook spreader bar, additionally a pair of side suspenders are supplied with each Quickfit sling and can provide additional comfort for the patient. A head support attachment is also available and is recommended when lifting from the recumbent position. Additional slings are available to suit individual needs. You are advised to always seek the advice of an authorised dealer before purchasing. Sunrise Medical will be pleased to advise your nearest authorised dealer who will be able to handle all purchasing, training and after sale servicing.

- **DO NOT** use any other manufacturer's sling with an Oxford lift.
- **DO NOT** use an Oxford sling with any other manufacturer's lift.

How To Fit An Oxford Quickfit Sling

Sitting, Sitting/Recumbent Position

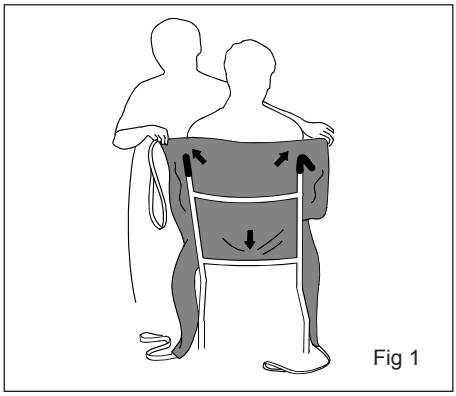


Fig 1

Make sure the hand grips and seams are on the outside of the sling. Feed the sling down the back of the patient, leaving the commode aperture at the base of the spine. Check the sling is square across the shoulders.

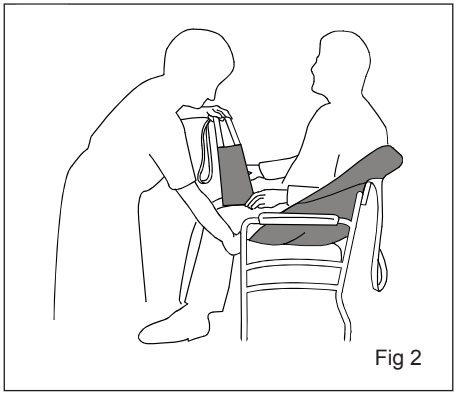


Fig 2

Raise the patient's leg and feed the leg strap under, and up between the legs. Make sure the sling is not twisted or creased under the thigh. Repeat the procedure for the other leg.

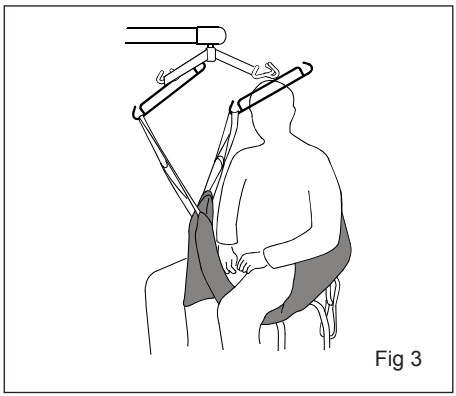


Fig 3

Cross over the leg straps and attach the longest loops to the front hooks on the lift spreader bar. For additional comfort Sunrise recommend the use of side suspenders as shown.

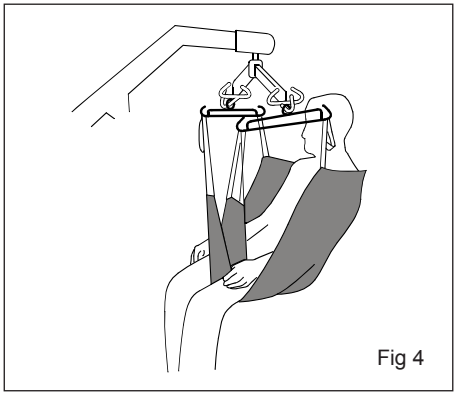


Fig 4

Raise the lift and attach the shortest loops of the shoulder straps to the spreader bar or side suspenders. The lift may move towards the patient as you do this. When reseating the patient the hand grips may be used to ensure a good posture.

Alternative Sitting, Sitting/Recumbent Position

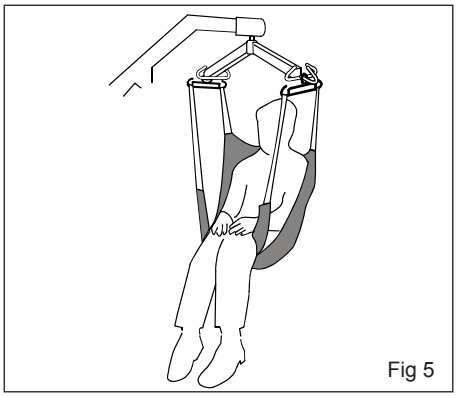


Fig 5

For closed leg position, cross over the straps under both legs and attach the straps as shown. This can provide additional comfort but is less convenient for toileting.

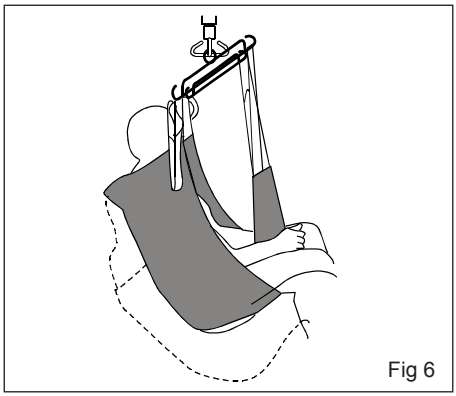


Fig 6

The longer the shoulder strap attachment the more reclined the patient will be.

Recumbent Position

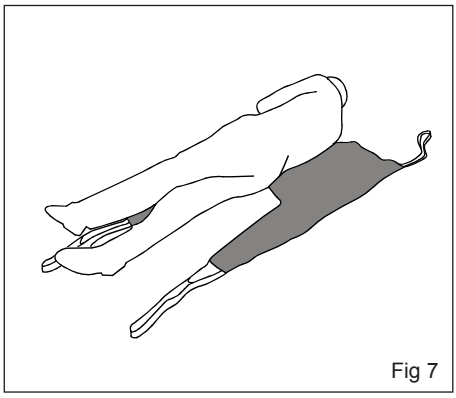


Fig 7

Draw sheet roll the patient onto the sling, ensuring the top of the commode aperture is at the base of the spine. A head support roll is recommended for this lifting operation.

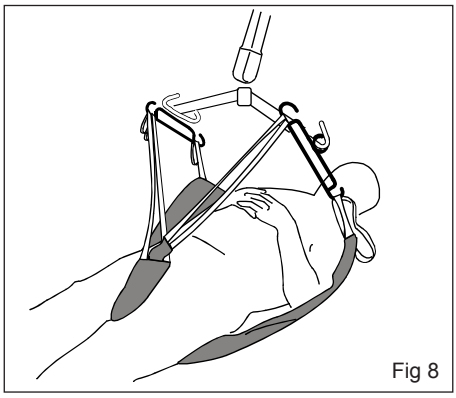


Fig 8

Cross the leg straps between the legs and proceed to attach the sling in the same way as the sitting position. Use the shortest shoulder strap possible.

Sunrise Medical recommend slings are checked regularly and before use for fraying or damage.
Do not use slings which are worn or damaged

Sizing

Each sling is marked with the following colour coded symbols, two of which will be crossed out. Your sling will be the uncrossed size ie in the example given Small (red)

SMALL
(Red)

MEDIUM
(Yellow)

LARGE
(Green)

The straps on the sling are also colour coded. For example, a medium sling will have yellow loops in the positions normally used for a medium patient.

SAFE WORKING LOAD OF THE QUICKFIT SLING - 200 kgs

IMPORTANT NOTE: It is important to take the safe working load of the Lift as the maximum permissible load of any lifting operation. The Quickfit sling is designed for use with the Oxford Mini, Midi, Major, Maxi, Dipper, Stowaway and Ceiling Lifts.

Washing Instructions

- Wash in a mild soap solution up to 71 degrees centigrade.
- DO NOT use biological detergents.
- DO NOT bleach.
- DRY in a warm room or in the open air.
- DO NOT place on convector heaters or steam pipes.
- DO NOT dry in tumble dryers which exceed 120 degrees centigrade.

Symbols

Do not exceed 71 degrees centigrade

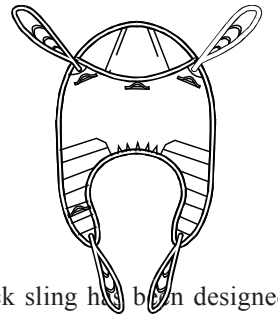
Do not bleach

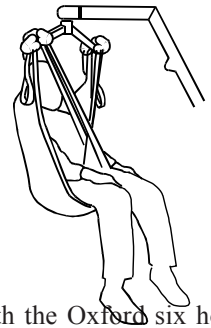
User Guide for The Full Back Sling

The Full Back sling is an easy fit, contoured sling designed to fit approximately 85-90% of patients. The design is based on the traditional Quickfit sling but offers greater comfort and does away with the need for side suspenders. It has an integral, boned head support and leg padding. This sling is unsuitable for the lifting of amputees. Other patients must be assessed for suitability by a qualified person.
The Full Back sling is suitable for the following categories of lift:

- **Category A - Wheelchair**
- **Category B - Bed**
- **Category C - Bath**
- **Category D - Toilet/Shower chair**
- **Category E - Floor**

The Full Back sling can be used for patients in the **SITTING, SITTING/RECUMBENT and RECUMBENT** positions





The Full Back sling has been designed for use with the Oxford six hook spreader bar. Additional slings are available to suit individual needs. You are advised to always seek the advice of an authorised dealer before purchasing. Sunrise Medical will be pleased to advise your nearest authorised dealer who will be able to handle all purchasing, training and after sale servicing.

- **DO NOT** use any other manufacturer's sling with an Oxford lift.
- **DO NOT** use an Oxford sling with any other manufacturer's lift.

How To Fit An Oxford Full Back Sling

Sitting, Sitting/Recumbent Position

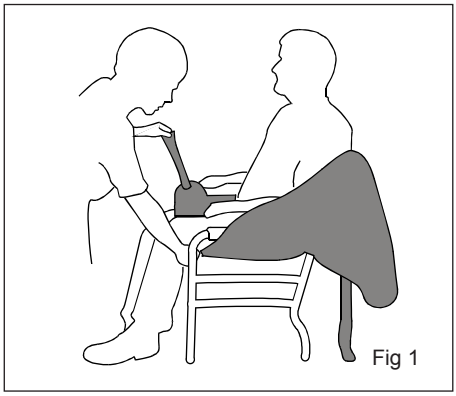


Fig 1

Raise the patient's leg and feed the padded leg peice under and up between the legs. Ensure that the sling is not twisted or creased under the thigh. Repeat this procedure for the other leg.

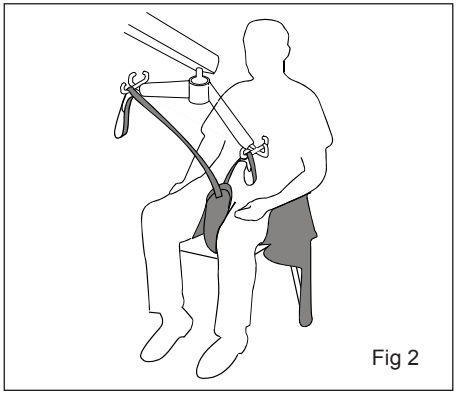


Fig 2

Feed the right leg support through the strap on the left leg support. Cross over leg straps, pass one leg strap through the other and attach to hoist on front hooks.

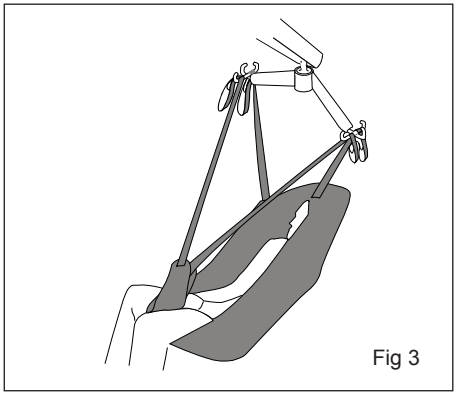


Fig 3

Raise lift to convenient height and attach the shoulder straps as shown. You may then raise the patient to the required height. When seating the patient the hand grip on the back of the sling may be used to ensure a good seated posture.

GOLDEN TIPS

1. *THE PATIENT'S POSTURE CAN BE ALTERED BY ADJUSTING BOTH SHOULDER STRAPS.*
2. *IF IN DOUBT, ATTACH TO COLOURED LOOPS.*
3. *KEEP SHOULDER STRAPS AT EQUAL LENGTH.*

Recumbent Position

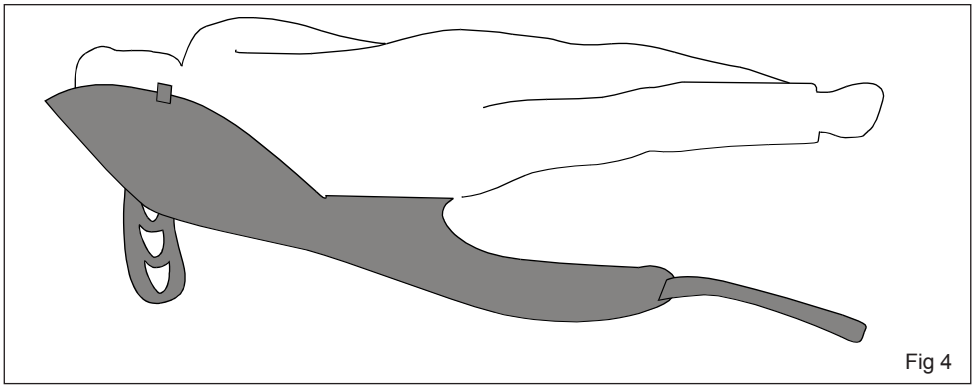


Fig 4

Draw sheet roll the patient onto the sling, ensuring that the top of the commode aperture is at the base of the spine.

Bring the leg support straps up and between the patient's legs and proceed as from the seated position, attaching to the shortest possible loops. N.B. If you wish to place the patient onto a high bed it may be necessary to lower the patient onto an intermediate surface and adjust the strap length.

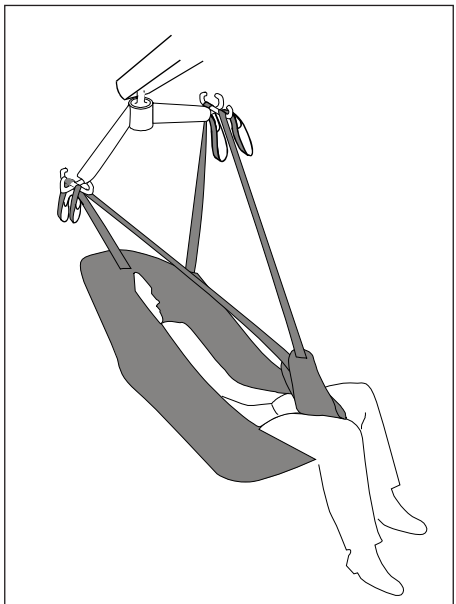
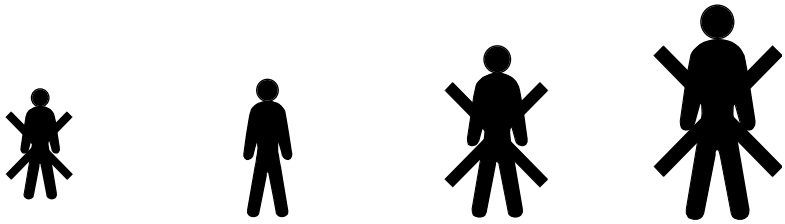


Fig 5

Sizing

Each sling is marked with the following colour coded symbols, three of which will be crossed out. Your sling will be the uncrossed size i.e. in the example given Small (red)



PAEDIATRIC (Brown) | SMALL (Red) | MEDIUM (Yellow) | LARGE (Green)

The straps on the sling are also colour coded. For example, a medium sling will have yellow loops in the positions normally used for a medium patient.

SAFE WORKING LOAD OF THE FULL BACK SLING - 200 kgs

IMPORTANT NOTE: It is important to take the safe working load of the Lift as the maximum permissible load of any lifting operation. The Full Back sling is designed for use with the Oxford Mini, Midi, Major, Maxi, Dipper, Stowaway and Ceiling Lifts.

Washing Instructions

- Wash in a mild soap solution up to 71 degrees centigrade.
- DO NOT use biological detergents.
- DO NOT bleach.
- DRY in a warm room or in the open air.
- DO NOT place on convector heaters or steam pipes.
- DO NOT dry in tumble dryers which exceed 120 degrees centigrade.

Symbols

Do not exceed 71 degrees centigrade

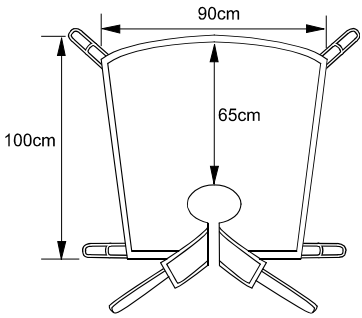
Do not bleach

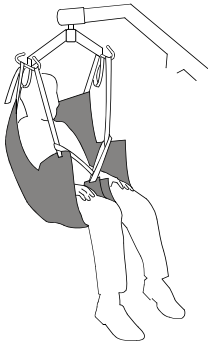
User Guide for The Oxford Quickfit Deluxe Sling

The Quickfit Deluxe sling is a development of the Quickfit and designed to suit 95% of patients. It provides a more comfortable and supportive lift without the need of side suspenders. It can be fleeced lined for additional comfort. This sling is suitable for the lifting of some amputees, but patients must be individually assessed for suitability by a qualified person.
The Quickfit Deluxe sling is suitable for the following categories of lift:

- **Category A - Wheelchair**
- **Category B - Bed**
- **Category C - Bath**
- **Category D - Toilet/Shower chair**
- **Category E - Floor**

The Quickfit Deluxe sling can be used for patients in the **SITTING, SITTING/ RECUMBENT and RECUMBENT** positions





The Quickfit Deluxe sling has been designed for use with the Oxford six hook spreader bar. A head support attachment is also available and is recommended when lifting from the recumbent position. Additional slings are available to suit individual needs. You are advised to always seek the advice of an authorised dealer before purchasing. Sunrise Medical will be pleased to advise your nearest authorised dealer who will be able to handle all purchasing, training and after sale servicing.

- **DO NOT** use any other manufacturer's sling with an Oxford lift.
- **DO NOT** use an Oxford sling with any other manufacturer's lift.

How To Fit An Oxford Quickfit Deluxe Sling

Sitting, Sitting/Recumbent Position

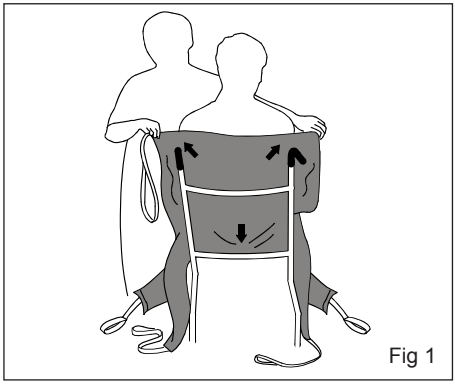


Fig 1

Make sure the hand grips and seams are on the outside of the sling. Feed the sling down the back of the patient, leaving the commode aperture at the base of the spine. Check the sling is square across the shoulders.

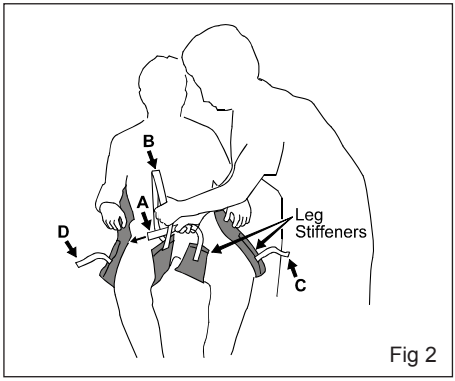


Fig 2

Bring the longest leg piece forward so that it is parallel with the long bone of the thigh. Ensuring the leg piece is not twisted, take the shortest leg piece stiffener under, and up between the legs. Repeat this procedure with the other leg. Cross strap A through strap B.

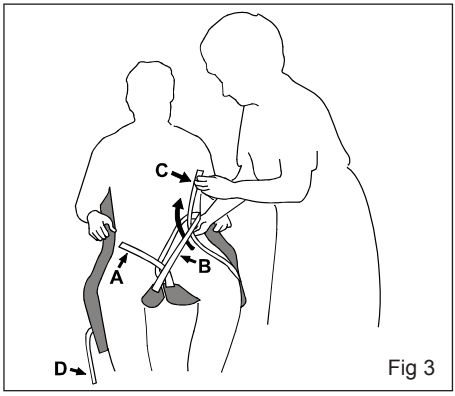


Fig 3

Pass strap C up through strap B. Repeat for the other leg using strap D through strap A.

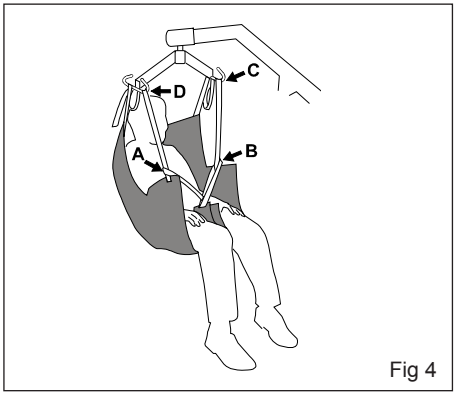


Fig 4

Check the sling is smooth under the patient and confirm the position is comfortable. Move the lift into position and attach the leg straps to the spreader bar by the coloured loops. Raise the lift and attach the shoulder straps to the spreader bar using the coloured loops. This maintains the patient in an upright sitting position. The lift may move towards the patient as you do this. When reseating the patient the hand grips may be used to ensure a good posture.

Alternative Sitting, Sitting/Recumbent Position

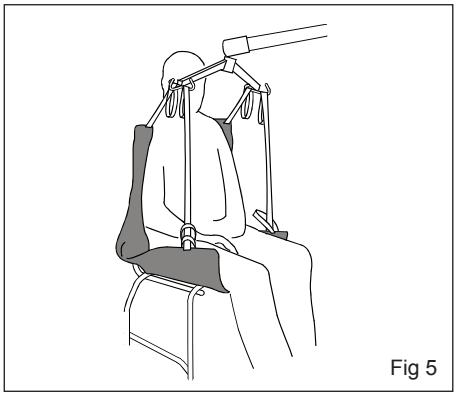


Fig 5

For closed leg position, straps may be crossed under both legs and attached as illustrated. Ensure leg straps C and D are passed through straps A and B and attached to the spreader bar. This can provide additional comfort and can be used for some amputees.

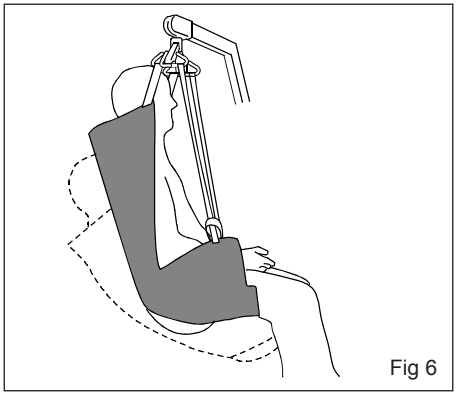


Fig 6

The longer you attach the shoulder straps the more reclined the patient will be.

Recumbent Position

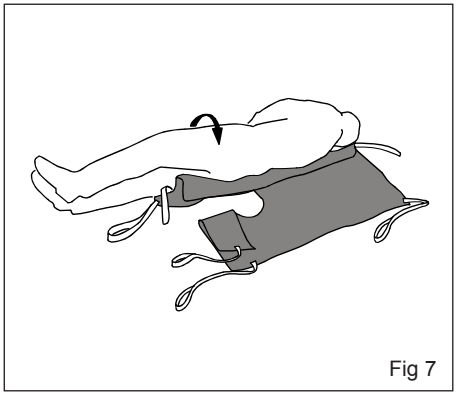


Fig 7

Draw sheet roll the patient onto the sling, making sure the commode aperture is at the base of the spine.

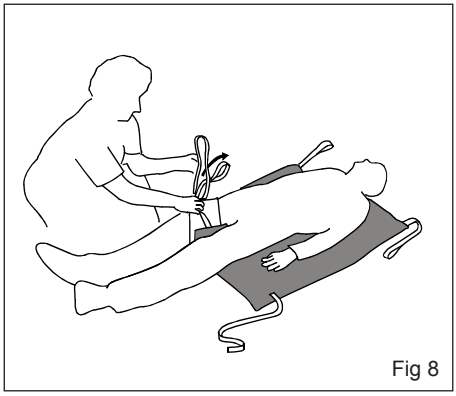


Fig 8

Cross leg strap A and B under and between the legs and feed A through B. Feed C and D through the long loops on A and B. Then proceed to attach the sling to the spreader bar in the same way as the Sitting position.

Sunrise Medical recommend slings are checked regularly and before use for fraying or damage.

Sizing

Each sling is marked with the following colour coded symbols, two of which will be crossed out. Your sling will be the uncrossed size ie in the example given Small (red)

SMALL
(Red)

MEDIUM
(Yellow)

LARGE
(Green)

The straps on the sling are also colour coded. For example, a medium sling will have yellow loops in the positions normally used for a medium patient.

SAFE WORKING LOAD OF THE QUICKFIT DELUXE SLING - 200kgs

IMPORTANT NOTE: It is important to take the safe working load of the Lift as the maximum permissible load of any lifting operation. The Quickfit deluxe sling is designed for use with the Oxford Mini, Midi, Major, Maxi, Dipper, Stowaway and Ceiling Lifts.

Washing Instructions

- Wash in a mild soap solution up to 71 degrees centigrade.
- DO NOT use biological detergents.
- DO NOT bleach.
- DRY in a warm room or in the open air.
- DO NOT place on convector heaters or steam pipes.
- DO NOT dry in tumble dryers which exceed 120 degrees centigrade.

Symbols

Do not exceed 71 degrees centigrade

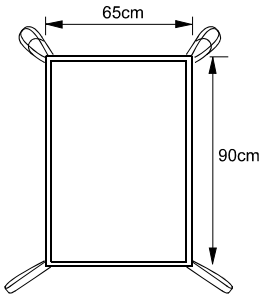
Do not bleach

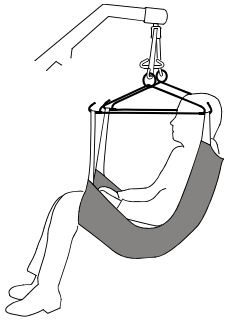
User Guide For The St Ebbas/Longseat Sling

The St Ebbas/Longseat sling has been designed for amputees but is also suitable for other patients who have to remain in the sling for an extended period, such as for bed making or bathing. It is available with or without a commode aperture. A head support attachment is also available. The sling can be fleece lined for additional comfort.
The St Ebbas/Longseat sling is suitable for the lifting of amputees, but patients must be individually assessed for suitability by a qualified person.
The St Ebbas/Longseat sling is suitable for the following categories of lift:

- **Category B - Bed**
- **Category E - Floor**

The St Ebbas/Longseat sling can only be fitted to patients in the **RECUMBENT** position. Once the lift is completed the patient may be transferred to a wheelchair, toilet, shower chair or bath, but the sling can only be removed when the patient is returned to the **RECUMBENT** position.





The St Ebbas/Longseat sling has been designed for use with the Oxford six hook spreader bar and a pair of side suspenders. Side suspenders are supplied with each sling. A head support attachment is also available and is recommended when lifting from the recumbent position. Additional slings are available to suit individual needs. You are advised to always seek the advice of an authorised dealer before purchasing. Sunrise Medical will be pleased to advise your nearest authorised dealer who will be able to handle all purchasing, training and after sale servicing.

- **DO NOT** use any other manufacturer's sling with an Oxford lift.
- **DO NOT** use an Oxford sling with any other manufacturer's lift.

How To Fit A St Ebbas/Longseat Sling

Recumbent Position

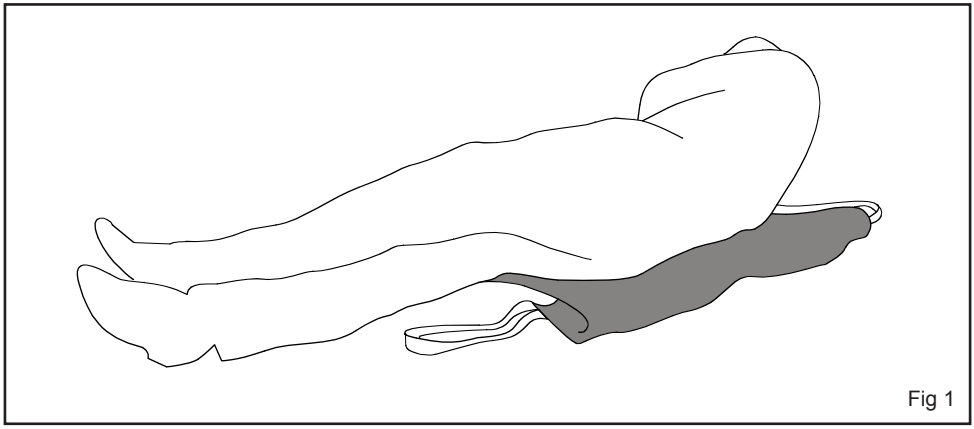


Fig 1

From the recumbent position, roll the patient onto the sling using the draw sheet roll. Ensure the bottom of the sling is just behind the knees.

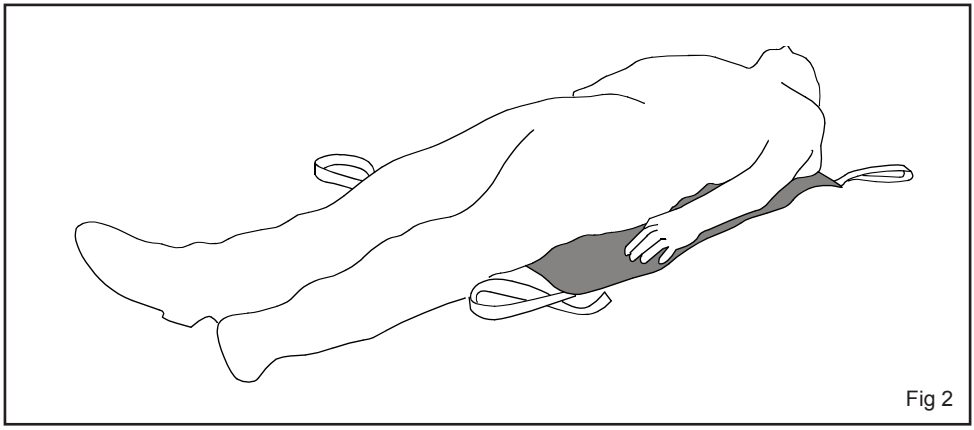


Fig 2

Ensure the sling is flat under the patient. The top of the sling should be at shoulder blade height and level across the top and bottom edges.

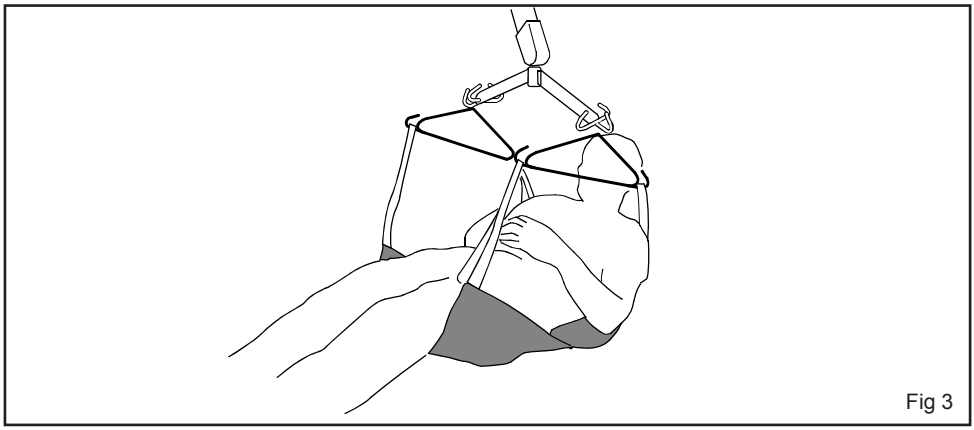


Fig 3

Move the lift into position above the patient. Attach the side suspenders. Keep the side suspenders away from the patients face. Attach the shoulder and leg loops to the respective front and rear hooks on the side suspenders and the centre loop to the centre hook on the spreader bar.

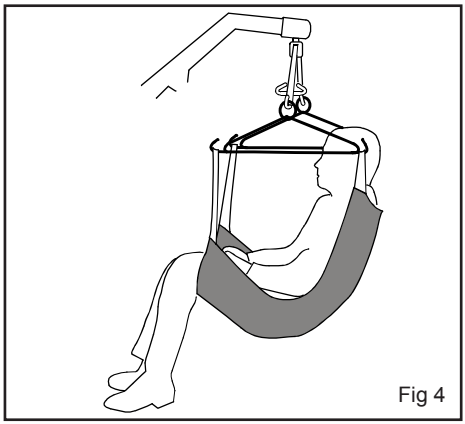


Fig 4

Raise the lift to the required height NOTE: It may be necessary to support the head while the patient is suspended.

Sunrise Medical recommend slings are checked regularly and before use for fraying or damage. Do not use slings which are worn or damaged

Sizing

Each sling is marked with the following colour coded symbols, two of which will be crossed out. Your sling will be the uncrossed size ie in the example given Small (red)

SMALL
(Red)

MEDIUM
(Yellow)

LARGE
(Green)

The straps on the sling are also colour coded. For example, a medium sling will have yellow loops in the positions normally used for a medium patient.

SAFE WORKING LOAD OF THE ST EBBAS SLING - 200 kgs

IMPORTANT NOTE: It is important to take the safe working load of the Lift as the maximum permissible load of any lifting operation. The St Ebbas sling is designed for use with the Oxford Mini, Midi, Major, Maxi, Dipper, Stowaway and Ceiling Lifts.

Washing Instructions

- Wash in a mild soap solution up to 71 degrees centigrade.
- DO NOT use biological detergents.
- DO NOT bleach.
- DRY in a warm room or in the open air.
- DO NOT place on convector heaters or steam pipes.
- DO NOT dry in tumble dryers which exceed 120 degrees centigrade.

Symbols

Do not exceed 71 degrees centigrade

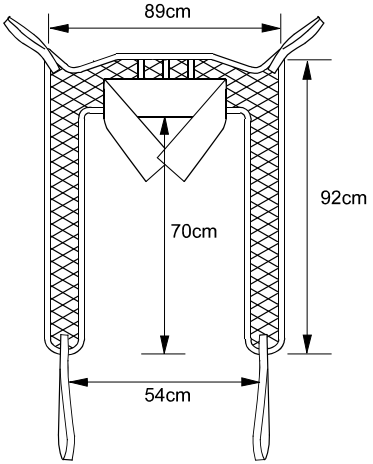
Do not bleach

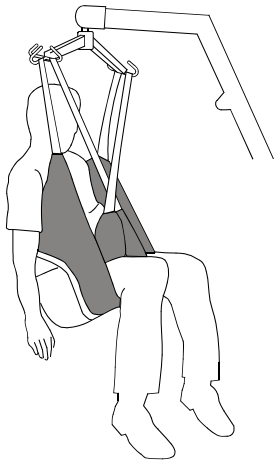
User Guide For The Oxford Access Sling

The Access sling has been designed specifically to facilitate toileting. It is an easy to fit sling, padded for comfort, and allows access to and the removal of, clothing. It is not a general purpose sling and will only suit approximately 25% of patients. The patients must be able to support themselves in the sling. This sling is unsuitable for lifting amputees. Other patients must be assessed for suitability by a qualified person.
The Access sling is suitable for the following categories of lift:

- **Category A - Wheelchair**
- **Category D - Toilet/Shower chair**

The Access sling can be used for patients in the **SITTING** position only.





The Access sling has been designed for use with the Oxford six hook spreader bar. Additional slings are available to suit individual needs. You are advised to always seek the advice of an authorised dealer before purchasing. Sunrise Medical will be pleased to advise your nearest authorised dealer who will be able to handle all purchasing, training and after sale servicing.

- **DO NOT** use any other manufacturer's sling with an Oxford lift.
- **DO NOT** use an Oxford sling with any other manufacturer's lift.

How To Fit An Oxford Access Sling Sizing

Sitting Position

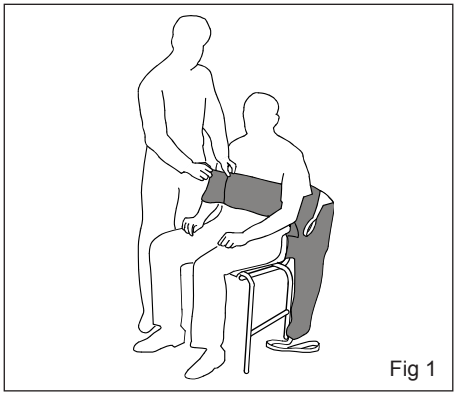


Fig 1

Place the sling down the back to a position just beneath the shoulder blades and above the belt line.

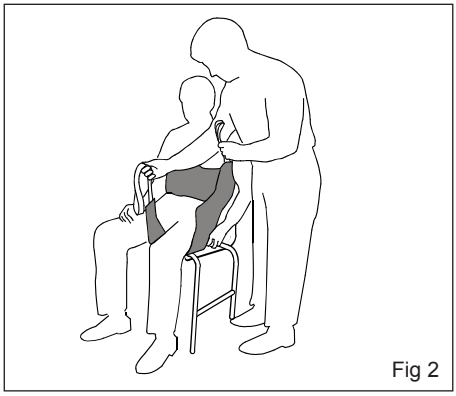


Fig 2

Raise the patients leg and feed the leg strap under and up between the legs. Make sure the sling is not twisted or creased under the thigh. Repeat the procedure for the other leg.

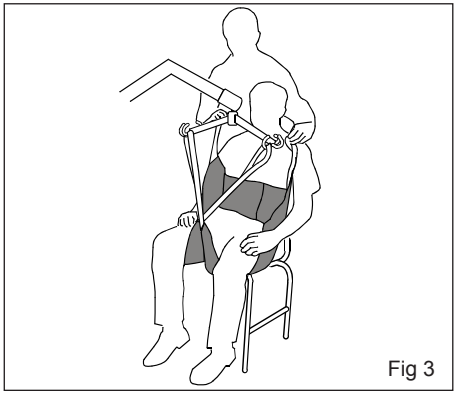


Fig 3

Cross over the leg straps and attach the longest loops to the front hooks on the lift spreader bar. Raise the lift and attach the shoulder loops to the rear hooks (a more upright position can be achieved at the shortest loop). The lift may move towards the patient.

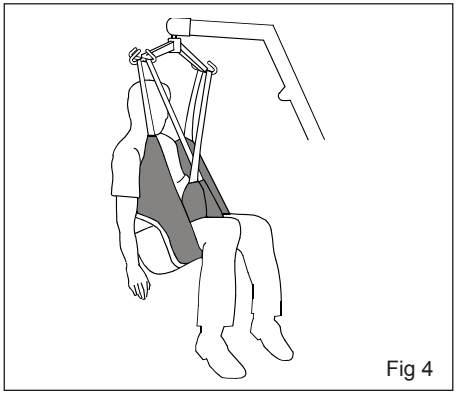


Fig 4

Raise the lift to the required height. When reseating the patient light pressure on the thigh will ensure a good posture.

Alternative Sitting Position

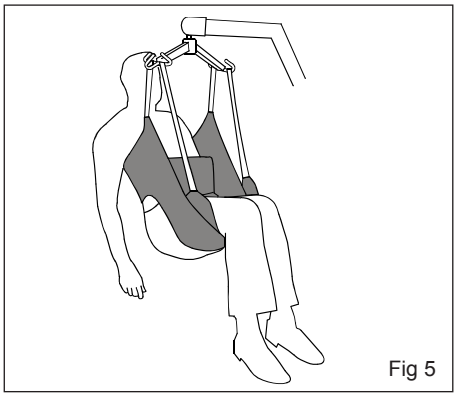


Fig 5

For closed leg position, cross over the straps under both legs and attach the straps as shown. This can provide additional comfort.

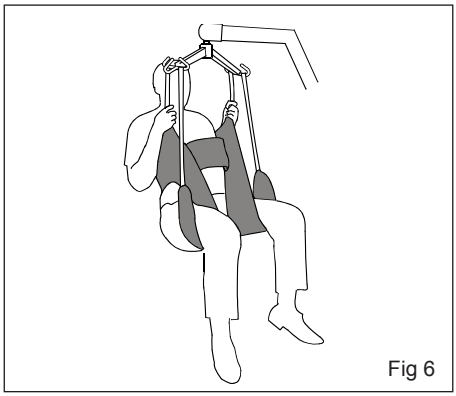


Fig 6

Some patients may be more comfortable with the leg pieces brought down between the thighs and then taken outside of the legs as shown.

Sunrise Medical recommend slings are checked regularly and before use for fraying or damage. Do not use slings which are worn or damaged

Sizing

Each sling is marked with the following colour coded symbols, two of which will be crossed out. Your sling will be the uncrossed size ie in the example given Small (red)

SMALL
(Red)

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(Yellow)

LARGE
(Green)

The straps on the sling are also colour coded. For example, a medium sling will have yellow loops in the positions normally used for a medium patient.

SAFE WORKING LOAD OF THE ACCESS SLING - 200 kgs

IMPORTANT NOTE: It is important to take the safe working load of the Lift as the maximum permissible load of any lifting operation. The Access sling is designed for use with the Oxford Mini, Midi, Major, Maxi, Dipper, Stowaway and Ceiling Lifts.

Washing Instructions

- Wash in a mild soap solution up to 71 degrees centigrade.
- DO NOT use biological detergents.
- DO NOT bleach.
- DRY in a warm room or in the open air.
- DO NOT place on convector heaters or steam pipes.
- DO NOT dry in tumble dryers which exceed 120 degrees centigrade.

Symbols

Do not exceed 71 degrees centigrade

Do not bleach

Servicing, Repairs, Inspections And Testing

Sunrise Medical Ltd has an established network of reputable distributors and dealers who will be pleased to handle all your purchasing, warranty, repair and maintenance enquires.

Included with each lift is a prepaid Customer Satisfaction card. Please take the time to fill it in and return it to Sunrise Medical Ltd. Our products are guaranteed for a period of twelve months from the date of manufacture or twelve months from the date of purchase if commissioned by an authorised dealer. We recommend that all of our products are commissioned by your dealer and are supported by them for future servicing.
The dealer or distributor operates the warranty programme, so it is important to keep a record of their name address and telephone number so they can be contacted should any problem arise.

If you are in doubt where your lift was purchased, Sunrise Medical can trace the supplier if you quote the serial number of the lift.

REMEMBER: Contact your distributor for purchases, Warranty, repairs, servicing and annual certified maintenance.

Your distributor:

Sunrise Medical Limited
High Street Wollaston West Midlands DY8 4PS England
Tel: +44 1384 44 66 88 Fax: +44 1384 44 66 99
www.sunrisemedical.co.uk

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